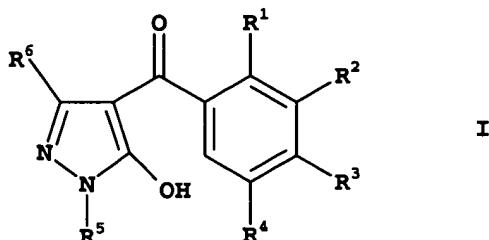


## Abstract

A synergistic herbicidal mixture comprising

- A) at least one 3-heterocyclyl-substituted benzoyl derivative of the formula I



in which the variables have the following meanings:

R<sup>1</sup>, R<sup>3</sup> are halogen, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, alkylsulfinyl or alkylsulfonyl;

R<sup>2</sup> is a optionally substituted heterocyclic radical selected from the group: isoazol-3-yl, isoazol-4-yl, isoazol-5-yl, 4,5-dihydroisoazol-3-yl, 4,5-dihydroisoazol-4-yl and 4,5-dihydroisoazol-5-yl;

R<sup>4</sup> is hydrogen, halogen or alkyl;

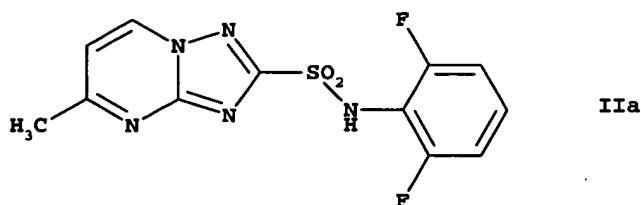
R<sup>5</sup> is alkyl;

R<sup>6</sup> is hydrogen or alkyl;

or one of its environmentally compatible salts;

and

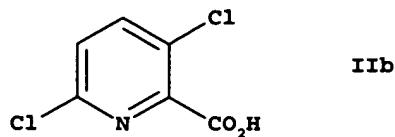
- B) at least the compound of formula IIa



or one of its environmentally compatible salts;

or

the compound of formula IIb



or one of its environmentally compatible salts;

and, if desired,

C) at least one further herbicidal compound;

in a synergistically effective amount.

Compositions comprising these mixtures, processes for the preparation of these compositions, and their use for controlling undesired plants.